



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/797,098	03/11/2004	Chien-Tsung Chen	2519/0297PUS1	4588
77032	7590	11/14/2008	EXAMINER	
Joe McKinney Muncy PO Box 1364 Fairfax, VA 22038-1364			TAKELE, MESEKER	
ART UNIT	PAPER NUMBER			
			2175	
MAIL DATE	DELIVERY MODE			
11/14/2008			PAPER	

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/797,098	<b>Applicant(s)</b> CHEN, CHIEN-TSUNG
	<b>Examiner</b> MESEKER TAKELE	<b>Art Unit</b> 2175

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
  - If no period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
  - Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) Responsive to communication(s) filed on 08/13/2008.
- 2a) This action is FINAL.      2b) This action is non-final.
- 3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) Claim(s) 16-29 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) Claim(s) \_\_\_\_\_ is/are allowed.
- 6) Claim(s) 16-29 is/are rejected.
- 7) Claim(s) \_\_\_\_\_ is/are objected to.
- 8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) The specification is objected to by the Examiner.
- 10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
 Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
 Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) All    b) Some \* c) None of:
1. Certified copies of the priority documents have been received.
  2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- 1) Notice of References Cited (PTO-892)  
 2) Notice of Draftsperson's Patent Drawing Review (PTO-948)  
 3) Information Disclosure Statement(s) (PTO/SB/08)  
 Paper No(s)/Mail Date \_\_\_\_\_
- 4) Interview Summary (PTO-413)  
 Paper No(s)/Mail Date \_\_\_\_\_
- 5) Notice of Informal Patent Application  
 6) Other: \_\_\_\_\_

**DETAILED ACTION**

1. This communication is responsive to the Amendment filed 08/13/2008.
2. Claims 16-29 are pending in this application. Claims 16 and 24 are independent claim. Claims 1-15 are cancelled.

***Claim Rejections - 35 USC § 103***

3. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

4. Claims 16-29 are rejected under 35 U.S.C. 103 (a) as being unpatentable over Applicant Applied Prior Art ("AAPA" US Pub No.: 2005/0039140) in view of Tambata et al. ("Tambata" US Patent No.:7,096,431).

As to claim 16, AAPA discloses a method for providing a human interface in a computer (paragraph [0002] – [0004]), the method comprising:

displaying an auto-scroll menu having a first switching icon displayed thereon (paragraph [0003] – [0004]);

determining whether the first switching icon is selected; switching to a multifunctional menu from the auto-scroll menu when the first switching icon is selected (paragraph [0003] – [0004]).

Art Unit: 2175

However AAPA does not explicitly disclose wherein the multifunctional menu has a plurality of macro instruction icons and a plurality of instruction icons displayed in a single frame; determining which of the macro instruction icons is selected; and changing the instruction icons according to the selected macro instruction icon.

Tambata from similar field of endeavor discloses wherein the multifunctional menu has a plurality of macro instruction icons and a plurality of instruction icons displayed in a single frame (such as, A menu display apparatus includes a first display screen on which a plurality of first icons, abstract); determining which of the macro instruction icons is selected; (such as, method for allowing a user to easily and reliably select desired content by switching a display between a first display screen on which a plurality of first icons, col., 1 lines, 10-15) and changing the instruction icons according to the selected macro instruction icon (such as, in application programs, when a menu for opening a file is selected, a sub-window is opened by a pull-down menu, and files and folders contained in a predetermined folder are displayed in this window. A button disposed in the window is selected to switch the display to a folder contained in a higher directory. A folder displayed in this window can then be selected to switch the display to a subdirectory. In this case, the user sequentially switches the display to subdirectories to select the desired content (col., 1 lines, 35-44).

It would have been obvious to one of ordinary skill in the art to have modified AAPA's teaching at the time of the invention was made with the teaching of Tambata.

The motivation to combine allows a user to easily and reliably select desired content.

As to claim 17, Tambata discloses wherein the macro instruction icons are surrounded by the instruction icons (Figure 4).

As to claim 18, Tambata discloses wherein the macro instruction icons and the instruction icons are arranged in concentric circles (Figure 4).

As to claim 19, Tambata discloses, further comprising updating the macro instruction icons (col., 3 lines, 26-32).

As to claim 20, Tambata discloses, further comprising updating the instruction icons (col., 3 lines, 26-32).

As to claim 21, Tambata discloses, further comprising displaying a second switching icon on the multifunctional menu, (col., 1 lines, 35-44 and abstract).

As to claim 22, Tambata discloses, further comprising: determining whether the second switching icon is selected; and switching to the auto-scroll menu from the multifunctional menu when the second switching icon is selected (such as, In application programs, when a menu for opening a file is selected, a sub-window is opened by a pull-down menu, and files and folders contained in a predetermined folder are displayed in this window. A button disposed in the window is selected to switch the display to a folder contained in a higher directory. A folder displayed in this window can then be selected to

Art Unit: 2175

switch the display to a subdirectory. In this case, the user sequentially switches the display to subdirectories to select the desired content, col., 1 lines, 35-44).

As to claim 23, Tambata discloses wherein the second switching icon is surrounded by the macro instruction icons (Figure 4 and Figure 19).

Claim 24 is similar in scope to claim 16 respectively, and is therefore rejected under similar rationale.

Claim 25 is similar in scope to claim 17 respectively, and is therefore rejected under similar rationale.

Claim 26 is similar in scope to claim 18 respectively, and is therefore rejected under similar rationale.

Claim 27 is similar in scope to claim 19 respectively, and is therefore rejected under similar rationale.

Claim 28 is similar in scope to claim 20 respectively, and is therefore rejected under similar rationale.

Claim 29 is similar in scope to claim 23 respectively, and is therefore rejected under similar rationale.

#### *Response to Arguments*

5. Applicant's arguments with respect to the amended claims 16 and 24 have been fully considered but they are not persuasive.

Art Unit: 2175

Applicant argues that: (a) Applicant's Admitted Prior Art does not disclose the switching step between the auto-scroll icon and the multifunctional menu.

(b) Tmmbata also fails to teach or suggest the claimed feature of: "changing the instruction icons according to the selected macro instruction icon".

The Examiner disagrees for the following reasons.

Per (a), Applicant's Admitted Prior Art disclose the switching step between the auto-scroll icon and the multifunctional menu (paragraph [0003] – [0004]).

Per (b) Tmmbata teaches: "changing the instruction icons according to the selected macro instruction icon." (such as, A menu display apparatus includes a first display screen on which a plurality of first icons, abstract).

#### *Conclusion*

6. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Art Unit: 2175

***Inquiry***

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to MESEKER TAKELE whose telephone number is (571)270-1653. The examiner can normally be reached on Monday - Friday 7:30AM-5:00PM est.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, William Bashore can be reached on (571) 272-4088. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/M. T./  
Examiner, Art Unit 2175

/WILLIAM L. BASHORE/  
Supervisory Patent Examiner, Art Unit 2175